

## WEST Search History





DATE: Tuesday, September 19, 2006

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		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L10	4247158	10
		<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L9	('4247158'  '4326552'  '5277210'  '5355900'  '5947135')![pn]	5
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L8	134/\$.ccls. and dishwash\$4 and ((air near heat\$4) same heater same circulat\$5)	38
<input type="checkbox"/>	L7	134/\$.ccls. and dishwash\$4 and ((air near heat\$4) same heater)	82
<input type="checkbox"/>	L6	134/\$.ccls. and dishwash\$4 and (air near heat\$4)	192
<input type="checkbox"/>	L5	gb 1245570	2
<input type="checkbox"/>	L4	de 1962049	2
<input type="checkbox"/>	L3	L2 and heat\$4	3
<input type="checkbox"/>	L2	fr 2491322	5
		<i>DB=DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	fr 2491322	4

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L1: Entry 4 of 4

File: DWPI

Apr 9, 1982

DERWENT-ACC-NO: 1982-F4326E

DERWENT-WEEK: 198219

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TITLE: Dishwashing machine recycling drying air after condensing moist air - uses closed air cycle with fan forcing air over heater to dry dishes and condenser to dry air before its return to pump

INVENTOR: DEISS, U ; STICKEL, E

PATENT-ASSIGNEE:

ASSIGNEE

CODE

BOSCH SIEMENS HAUSGERAETE GMBH

BOSC

PRIORITY-DATA: 1980DE-0026939 (October 8, 1980)

[Search Selected](#)[Search ALL](#)[Clear](#)

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/>	<a href="#">FR 2491322 A</a>	April 9, 1982		008	
<input type="checkbox"/>	<a href="#">IT 1138929 B</a>	September 17, 1986		000	

INT-CL (IPC): A47L 15/48

ABSTRACTED-PUB-NO: FR 2491322A

BASIC-ABSTRACT:

The drying air is circulated by fan (27) which blows the air over a heating element (28), then through a duct, and out a nozzle (29) in the wall of the dishwasher. The air passes over the disher, absorbing moisture as it passes upwards toward the air outlet (21).

The moist air enters a vertical tube condenser (23), in which the water falls to a trap (24,25) at the base of the condenser and the now dried air passes out a duct (17) in the condenser wall, to enter the fan (27) chamber and be reheated and recycled. The ducts (17) are formed from a single piece of plastics on which are fixed the clamps for the ventilator (27) and the heating device.

CHOSEN-DRAWING: Dwg.2

TITLE-TERMS: DISHWASHER MACHINE RECYCLE DRY AIR AFTER CONDENSATION MOIST AIR CLOSE AIR CYCLE FAN FORCE AIR HEATER DRY DISH CONDENSER DRY AIR RETURN PUMP

DERWENT-CLASS: P28 X27

EPI-CODES: X27-D;

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L1: Entry 2 of 4

File: DWPI

Feb 1, 2003

DERWENT-ACC-NO: 1996-322675

DERWENT-WEEK: 200322

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TITLE: Dishwasher with drying fan - uses fan to extract air containing steam from washing chamber through condensation body

INVENTOR: MARCHITTO, G ; OLIVIERI, G ; SCHENA, G

PATENT-ASSIGNEE:

ASSIGNEE

MERLONI ELETTRODOMESTICI SPA

MERLONI ELETTRODOMESTICI

CODE

MERLN

MERLN

PRIORITY-DATA: 1995IT-TO00021 (January 16, 1995)

Search Selected

Search ALL

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">ES 2179895 T3</a>	February 1, 2003		000	A47L015/48
<input type="checkbox"/> <a href="#">EP 721762 A1</a>	July 17, 1996	E	008	A47L015/48
<input type="checkbox"/> <a href="#">IT 1280784 B</a>	February 11, 1998		000	A47L000/00
<input type="checkbox"/> <a href="#">EP 721762 B1</a>	July 17, 2002	E	000	A47L015/48
<input type="checkbox"/> <a href="#">DE 69622289 E</a>	August 22, 2002		000	A47L015/48

DESIGNATED-STATES: DE ES FR GB DE ES FR GB

CITED-DOCUMENTS: CH 683819 ; EP 556773 ; FR 2117860 ; FR 2173824 ; [FR 2491322](#) ; US 3170743 ; US 3908681

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2179895T3	January 16, 1996	1996EP-0100564	
ES 2179895T3		EP 721762	Based on
EP 721762A1	January 16, 1996	1996EP-0100564	
IT 1280784B	January 16, 1995	1995IT-TO00021	
EP 721762B1	January 16, 1996	1996EP-0100564	
DE 69622289E	January 16, 1996	1996DE-0622289	
DE 69622289E	January 16, 1996	1996EP-0100564	
DE 69622289E		EP 721762	Based on

INT-CL (IPC): A47L 0/00; A47L 15/48

ABSTRACTED-PUB-NO: EP 721762A

BASIC-ABSTRACT:

The dishwasher includes a fan (12) which inhales from the washing chamber the air full of steam created by the washing of the contents. A hollow body (7) is connected to the fan to favour condensation of the steam contained in the air. The fan is a centrifugal fan with a screw (5) located among two shells (4A, 4B) of the door (4) of the washer.

The condensation body and the scroll are connected through a conduit (7A). The condensation body has a drainage hole for condensate water with a lip (8) that extends under the inner shell. A rubber gasket (9) on the lip provides a sealing against the inner shell.

ADVANTAGE - Simple and compact structure that provides improved drying.

ABSTRACTED-PUB-NO:

EP 721762B

EQUIVALENT-ABSTRACTS:

The dishwasher includes a fan (12) which inhales from the washing chamber the air full of steam created by the washing of the contents. A hollow body (7) is connected to the fan to favour condensation of the steam contained in the air. The fan is a centrifugal fan with a screw (5) located among two shells (4A, 4B) of the door (4) of the washer.

The condensation body and the scroll are connected through a conduit (7A). The condensation body has a drainage hole for condensate water with a lip (8) that extends under the inner shell. A rubber gasket (9) on the lip provides a sealing against the inner shell.

ADVANTAGE - Simple and compact structure that provides improved drying.

CHOSEN-DRAWING: Dwg.3/4

TITLE-TERMS: DISHWASHER DRY FAN FAN EXTRACT AIR CONTAIN STEAM WASHING CHAMBER THROUGH CONDENSATION BODY

DERWENT-CLASS: P28 X27

EPI-CODES: X27-D01B;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1996-271526

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